

Claims

1. Portable surface treating apparatus comprising a shaft part (12) with a handle part (13) by means of which the apparatus can be guided on the surface to be cleaned and a frame structure (22) having several rolls (29,31) about which an endless conveyor belt (27) for liquid and dirt particles is arranged **characterized in** that a portion of the belt between the rolls (29,31) abuts the surface and is placed such that it is mainly parallel to the surface the apparatus being provided with a scratching means (41) abutting the conveyor belt (27) and removing liquid and dirt particles from the belt.
5
2. Apparatus according to claim 1 **characterized in** that the frame structure comprises a mainly flat wall portion (26) that the conveyor belt (27) abuts and that is mainly parallel to the surface.
3. Apparatus according to any of the preceding claims **characterized in** that the frame structure is box shaped and encloses an electric motor (36) with a drive shaft (37) that by means of a gear transmits the driving motion of the drive shaft to at least one of the rolls (31).
15
4. Apparatus according to any of the preceding claims **characterized in** that the frame structure supports a removable container part (39) in which liquid and dirt particles are collected.
20
5. Apparatus according to any of the preceding claims **characterized in** that the frame structure (22) supports a rocker arm (52) that is provided with an eccentrically supported roll (54) that is pressed against and rotates by means of the conveyor belt (27) the rocker arm being connected to and driving a pump (45).
25
6. Apparatus according to claim 5 **characterized in** that the pump (45) is a membrane pump that is integrated with a pump housing that is placed in the container part (44) the pump housing being provided with a liquid inlet (46) and a liquid outlet to which a check valve (47) is connected.
30
7. Apparatus according to claim 6 **characterized in** that a filter (51) is placed immediately before the liquid inlet.
8. Apparatus according to any of the preceding claims **characterized in** that the frame structure comprises at least two parts (22a,22b) that are turnable with respect to one another and that when the parts are aligned with one another constitute a track for the

conveyor belt (27) and which when the parts are angled with respect to one another admits that the conveyor belt is removed from the track.

9. Apparatus according to any of the preceding claims **characterized in** that the conveyor belt comprises a support layer (27b) with an outer micro fibre layer (27a).

5 10. Apparatus according to any of the preceding claims **characterized in** that it comprises a removable container for cleaning liquid (16) and a removable collecting container (17) for dirty liquid the container for cleaning liquid being connectable to a nozzle in order to directly or indirectly supply a cleaning liquid to the surface.